

Worksheet for Determining Liquid Limit and Plastic Limit of Soils AASHTO T 89, Method A or B and AASHTO T 90

Project:		Source:			Sample of:				Quantity represented:								
Lot no Sa	Sample no Sampled			oy:		Date:			Tested by:			Date:					
Lic	լսid Limit AA	SHTO T 8	9														
Determination No.	1	2	3	4													
Number of blows																	
Container No.																	
Wt. of container & wet soi	ı																
Wt. of container & dry soil														\Box	+	$oldsymbol{\Pi}$	\mp
Wt. of water														$oldsymbol{\square}$	+	H	\mp
Wt. of container															-	H	$\overline{+}$
Wt. of dry soil														\blacksquare	+	H	\mp
Water content (%)					1 -									\blacksquare	\mp	\mathbf{H}	$\mp \mp$
Liquid limit					_ o _											$oxed{H}$	\blacksquare
Final liquid limit (LL):				Moisture										\pm	Ш	$\pm \pm \pm$	
					ું છું ⊢							-H	++	++	++	+	+++
					_ ≧ =									\blacksquare	+	$oxed{H}$	\mp
Plastic Limit AASHTO T 90														\blacksquare	H	\blacksquare	
Determination No.	1	2	3	4	ີ ° ` ⊨										#	\blacksquare	\mp
Container No.															#	Ħ	\mp
Wt. of container & wet soi															\top		+

Number of blows

1				
Determination No.	1	2	3	4
Container No.				
Wt. of container & wet soil				
Wt. of container & dry soil				
Wt. of water				
Wt. of container				
Wt. of dry soil				
Water content (%)				
Plastic limit				
	'	Final plastic	limit (PL):	



Plasticity Index = ____ (LL) - ___ (PL) = ____